

TABLE I. DEVICE PARAMETERS 1/

JPL PART # ST12130-	MFG	MFG PART #	PACKAGE STYLE 2/	DETAIL SCREENING TESTS	ELECTRICAL CHARACTERISTICS & GROUP A TESTS	RADIATION (TID) LEVEL RAD(Si)
DN6638BR DN6638LR DN6642BR DN6642LR	MSC MSC MSC MSC	1N6638 1N6638U 1N6642 1N6642U	D035 SMD D035 SMD	MIL-S- 19500/578	MIL-S-19500/578 (TABLE I)	100 k 3/

NOTES:

1/ This drawing, in conjunction with CS515581, imposes all requirements for procurement of these devices.

2/ Device physical dimensions shall conform to MIL-S-19500/578, (figure 1 for D035 package, figure 2 for SMD package).

3/ Sufficient radiation tolerance to this TID level is guaranteed by design for this device. (See CS515581, Paragraph 4.7.7).

4. Final finish of leads/terminations shall be hot solder dip in accordance with MIL-S-19500.

5. SMD devices shall be delivered to JPL in tape and reel carriers unless otherwise specified.

6. This standard takes precedence over documents referenced herein.

RELEASED THRU SECTION 356 DATA MANAGEMENT:			DATE:			
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DATE: 09-14-92						
APPROVED SOURCE(S)			<small>THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.</small>			
VENDOR PART NO	VENDOR	JPL PART NO				
JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY					CAGE NO 23835	
Procurement specification: CS515581 Screening specification: ZPP-2073-GEN	TITLE: DIODE, SILICON, SWITCHING, 300 mA				DETAIL SPECIFICATION	
Custodian: Electronic Parts Reliability Section 514					ST 12130	
					SHEET 1 OF 1	

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